**Biodun Martins Awoyele**

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| 3329 Tulip Drive  Decatur, Georgia 30032(404) 996-7427  biawoyele@gmail.com |

**PROFESSIONAL SUMMARY**

AWS-Certified Solution Architect with over 5 years of expertise in strategizing, designing, managing and providing innovative cloud solutions for fortune 500 companies. A result-oriented professional transitioning multiple projects and ensuring seamless delivery of IT services.

**SKILLS**

Kubernetes, Elastic Beanstalk – Amazon Web Services (EC2, EBS, S3, IAM, AMI, AWS LAMBDA, REST API, NACL, Security Groups, Route53, Auto Scaling, ELB, SNS, SQS, JSON, Kubernetes, Docker Containers, Cloud Formation, Terraform, Ansible, Azure Cloud Computing Services, Jenkins, Python, Java, Apache, Node.JS, Apache MySQL, Microsoft SQL server, NOSQL/DynamoDB, CI/CD Pipelines, DoD ACAS (Assured Compliance Assessment Solution), Security Awareness, Data/Server Migration.

**Certifications:**

* **AWS Certified Cloud Practitioner - (Certified)**
* **AWS Certified Solutions Architect - Associate (Certified)**
* **AWS Certified Developer Associate (Certified)**
* **CompTIA Security+**

**EXPERIENCE**

January 2019 – April 2021: **Bank of America,** Boston MA

**Consultant: Cloud Solution Architect / Security Engineer**

* Discovered & Protected my organization from critical AWS cloud vulnerabilities.
* Introduced and built a RESILIENT & ZERO TRUST SECURITY Architecture suitable for PCI DSS compliance.
* Established & incorporated Cloud Cyber Defense focused on Centralization, Standardization & Automation at every layer based on “Stack” Layers & Controls” in line with Best practices (application logic + presentation, operating systems, data, network and hypervisor).
* Defended BoA in compliance saved her of over $80 million, Data breach damages which could have resulted in loosing customer trust, damages in Brand reputation, Lawsuits & Legal fines.
* Built Disaster Recovery & Highly Available cloud architectures
* Proactively monitored resources and applications using AWS CloudWatch including creating alarms to monitor metrics for services like EBS, EC2, ELB, RDS, and S3.
* Architected solutions built on Azure and AWS cloud platform and Deployed third party applications like Palo Alto, F5, Aviatrix Transit Gateway boxes for a multi-cloud enterprise environment
* Designed and contributed to security architecture processes that enable the enterprise to develop and implement secure solutions and capabilities that are clearly aligned with the business, technology, and threat drivers
* Hands-on experience writing Production-ready automation code to implement solutions with Puppet, Ansible, CloudFormation, Terraform.

March 2016 – December 2018: **Walgreens**, McLean VA

**Consultant: Cloud Engineer**

* Scripted manually built services in DevTest environment into Azure Template and CloudFormation, and maintained the templates and stacks leveraging Azure Blob Storage and AWS S3.
* Drove designing, implementing, developing and maintaining of **AWS** services-based **solutions** in emerging technology.
* Experienced with building, delivering, and managing hybrid Cloud IaaS environments in Azure cloud platform.
* Managed AWS-provided portal account access credentials and privileges.
* Rotated IAM access keys regularly and standardize on a selected number of days for password expiration to ensure that data cannot be accessed with a potential lost or stolen key.
* Cloud Orchestration/Automation: AWS CloudFormation, Terraform, AWS Serverless Application Model (SAM), AWS Lambda, AWS Systems Manager, AWS SSM Parameter Store, Ansible, ECS, EKS, ECR, Ansible Tower.
* Enabled require SSL parameter in all Redshift clusters to minimize the risk of man-in-the-middle attack
* Encrypted highly sensitive data such as protected health information (PHI) or personally identifiable information (PII) using customer-controlled keys

April 2014 – February 2016: **SERVUSTECH**, Cluj-Napoca Romania

**Technical Support Engineer**

* Installed and configured computer systems and applications with the company
* Utilize best practices to drive projects through some or most phases of development lifecycle, from inception to product delivery, including architecture, design, implementation, and testing
* Restricted access to RDS instances to decrease the risk of malicious activities such as brute force attacks, SQL injections, or DoS attacks.
* Led the team - To execute, manage and lead office 365 migrations for Microsoft external clients (small business clients 15 - 280 users). Troubleshoot and customize office 365 applications including Skype for business, One Note, outlook, Power Point, Outlook, Microsoft Access, Yammer, Excel and Word).

**Education:**

 07/2015 BSc Economics (International Business), Romanian-America University, Bucharest/Romania.